

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.



Web Images Groups News Froogle more »

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 10 of about 48,800 for **[predictive model +rank +order +score](#)**. (0.28 second)

Global FICO score: multi-country risk assessment

... Designed to **score** all levels of data The Global FICO **score** is a suite of **predictive models**, designed to **rank-order** the risk of lenders' applicants or ...

www.fairisaac.com/NR/exeres/FC3D9202-E165-4848-BE5C-90DC19263FBD.frameless.htm - 67k - [Cached](#) - [Similar pages](#)

Scoring - Predictive Modeling - Revenue Scores

... **model** developers applied proprietary **predictive** technologies to a ... bureau attrition scores **rank-order** existing bankcard ... system contains ten **models** that analyze ...

www.fairisaac.com/.../Scoring+-+Predictive+Modeling/Scoring+-+Predictive+Modeling+-+Revenue+Scores.htm - 100k - Jul 11, 2004 - [Cached](#) - [Similar pages](#)

[[More results from www.fairisaac.com](#)]

[PDF] Incremental Value Models for Retail

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Traditional methods try to **predict** who will ... So the IVM **model** would **rank order** these customers ... promotion Expected spending with promotion Response **Model Score**

www.cyberdialogue.com/library/brochures/IVM.pdf - [Similar pages](#)

[PDF] Controlling Attrition Through Predictive Models

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... The data was used to develop a **predictive model** one that would assign a **score** to each ... We have found that the **models** built by Fractal **rank order** customers by ...

www.fractal.co.in/PDFs/attrition_control_casestudy.pdf - [Similar pages](#)

Stat 480: Lecture #14

... When **RANK** is omitted, the correlations and the other ... System 2 The REG Procedure **Model**: MODEL1 Dependent ... Obs CarbonDioxide Value Mean **Predict** Residual Residual ...

www.personal.psu.edu/dcsteven/stat480/2002-2/lecture14.shtml - 21k - [Cached](#) - [Similar pages](#)

[PDF] STA 6167-901: APPLIED STATISTICAL MODELS II Problems on Linear ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... r and the Spearman's **rank order** correlation coefficient r_s ... **Predict** the per capita consumption in 2010. ... Assuming a simple linear regression **model**, test the ...

www.math.usf.edu/~snadaraj/prob5.pdf - [Similar pages](#)

[PDF] S: COMMONPeterFiles for Prin

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Match statistics **Score** and **rank** files TM Page 2. Sample Response **Predictive** Analysis Performance Summary Step 3: Using the resulting **model**, we assign weights ...

www.equifax.com/.../documents/Response_Predictive_Analysis_Information_Sheet_ver.9.01.pdf - [Similar pages](#)

Statistical Techniques available in IDAMS

... It determines a reasonable **rank order** of alternatives, using preference ... (Module: **RANK**). ... segmentation procedure for developing a **predictive model** for dependent ...

www.unesco.org/webworld/idams/advguide/Chapt1_4.htm - 18k - [Cached](#) - [Similar pages](#)

[PDF] Dynamic Delinquent Debt scoring models developed by SCORE ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... is to develop an effective scoring **model** that contains ... scorecard should be able to **rank order** the entire ... number of accounts the more **predictive** scoring will be ...

www.scorestat.com/reduce90nbc.pdf - [Similar pages](#)

[PDF] NON-LINEAR ANALYSIS OF THE EFFECT OF WORKING-MEMORY CAPACITY ON ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... & Angelopoulos, 1998) of the Johnstone-El Banna **predictive model**. ... Note that in **order** for the **model** to be ... **Rank-order** sequences of achievements of the subjects ...

www.uoi.gr/cerp/2000_October/pdf/08StamTsap.pdf - [Similar pages](#)

Google

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

July 13, 2004

NYSE: FIC 24.00 -7.36

It's just a smarter way to do business.™

[Company](#) [Solutions](#) [Partners](#) [Investors](#) [Events](#) [News](#) [Careers](#) [Support](#) [Contact](#)

Search

Go



Home : [Solutions](#) : [Scoring / Predictive Modeling](#)

[Solutions By Industry](#)

[Enterprise Applications](#)

[Enterprise Decision Tools](#)

[Professional Services](#)

[Scoring / Predictive Modeling](#)

[For Business](#)

[Strategy Machines](#)

[Business Science](#)

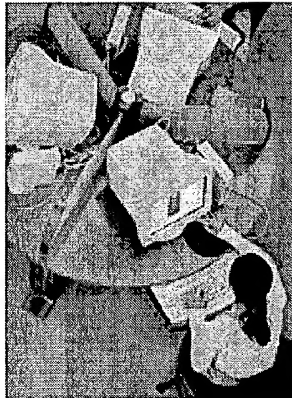
[Strategy Science](#)

[For Consumers](#)

[myFICO](#)



[Product Index](#)



Scoring/Predictive Modeling

Essential information for smarter decisions

Credit grantors worldwide recognize Fair Isaac as the leading producer of scores and models for predicting consumer behavior through the entire credit lifecycle. They rely on our products to make billions of decisions each year. Fair Isaac's industry-leading scoring solutions are helping businesses take faster, more profitable actions in customer acquisition, origination and account management.

[Case Studies](#)

[Literature](#)

[White Papers](#)

Choose Category:

[Credit risk scores](#)

[Scoring services for card issuers](#)

[Revenue and attrition scores](#)

[Application fraud scores](#)

[Credit-Based Insurance scores](#)

[Small business risk scores](#)

[Telecommunication scores](#)

[Custom models](#)

[Collections & recovery scores](#)

[Marketing score](#)

Revenue scores

Inform your marketing and account management strategies with insight into your customers' revenue potential

Fair Isaac credit bureau revenue scores rank-order revolving credit accounts by the likely amount of revenue they will generate.

Card issuers and home equity lenders leverage the valuable information provided by revenue scores to better focus marketing initiatives on tomorrow's most profitable accounts, and to manage existing accounts according to revenue potential. Used in combination with risk scores, revenue scores improve your ability to successfully tailor prescreen offers, expand your prospect universe without increasing risk, develop more effective pricing programs, and target high-value accounts for retention, cross-sell and up-sell programs.

To accurately rank-order revolving credit accounts by the likely amount of revenue they will generate during the 12 months following scoring, Fair Isaac model developers applied proprietary predictive technologies to a large sample of national bankcard issuers' master file data coupled with borrowers' credit bureau information. The result is a multiple-model design that provides accurate prediction across all types of account profiles.

Ask for Fair Isaac revenue scores by name at any of the three major US credit reporting agencies:

- RPM® (Revenue Projection Model) at TransUnion (also at TransUnion Canada)
- ROI (Revenue Opportunity Indicator) at Experian
- REV at Equifax

Also available through Fair Isaac's PreScore® Service and ScoreNet® Service.

Attrition Scores

Retain more customers for a profitable portfolio

Fair Isaac credit bureau attrition scores provide early warnings of which customers are most likely to close their account, go dormant or sharply reduce their balance.

Using attrition scores, lenders can identify which customers are most likely to leave, in time to take proactive measures to cost-effectively retain them. This information provides a solid foundation for building a successful retention program that will help you lower attrition rates, achieve a higher return on your marketing investments, and build stronger customer relations.

Credit grantors can lower bad r between 10% and 25% or incre approval rates up to 5% or mor using NextGen in place of clas credit bureau risk scores.

Developed from a large diverse sample of national bankcard issuers' data, Fair Isaac credit bureau attrition scores rank-order existing bankcard accounts by the likelihood that they will reduce their balance by 50% or more during the 12 months following scoring, and keep the balance at the reduced level for six months or more. The attrition scoring system contains ten models that analyze a consumer's behavior pattern on your account and compares it to the consumer's behavior on all his or her card accounts.

Ask for Fair Isaac attrition scores by name at any of the three major US credit reporting agencies:

- Retention Evaluator® at Equifax
- SENTRY® at TransUnion
- Experian/Fair Isaac Attrition Score at Experian

Also available through Fair Isaac's ScoreNet Service.

Response Predictive Analysis™

The most effective way to optimize response in your next mailing!

Lists can only be winners for so long before response starts to fall off due to list fatigue. The Response Predictive Analysis is one of Equifax's SuperModel™ techniques designed to utilize our powerful data and dramatically improve response from your Equifax list selections. *Guaranteed.*

A Response Predictive Analysis Utilizes Both Responders And Non-Responders To Help You:

- Improve your response rates and expand universe
- Reach hidden markets
- Better target your marketing messages
- Reduce mailing costs by allowing you to prioritize your best prospects

The Response Predictive Analysis is a statistical model that analyzes one of your recent mailings by comparing responders to non-responders using information from one of Equifax's databases. It then ranks your best prospects

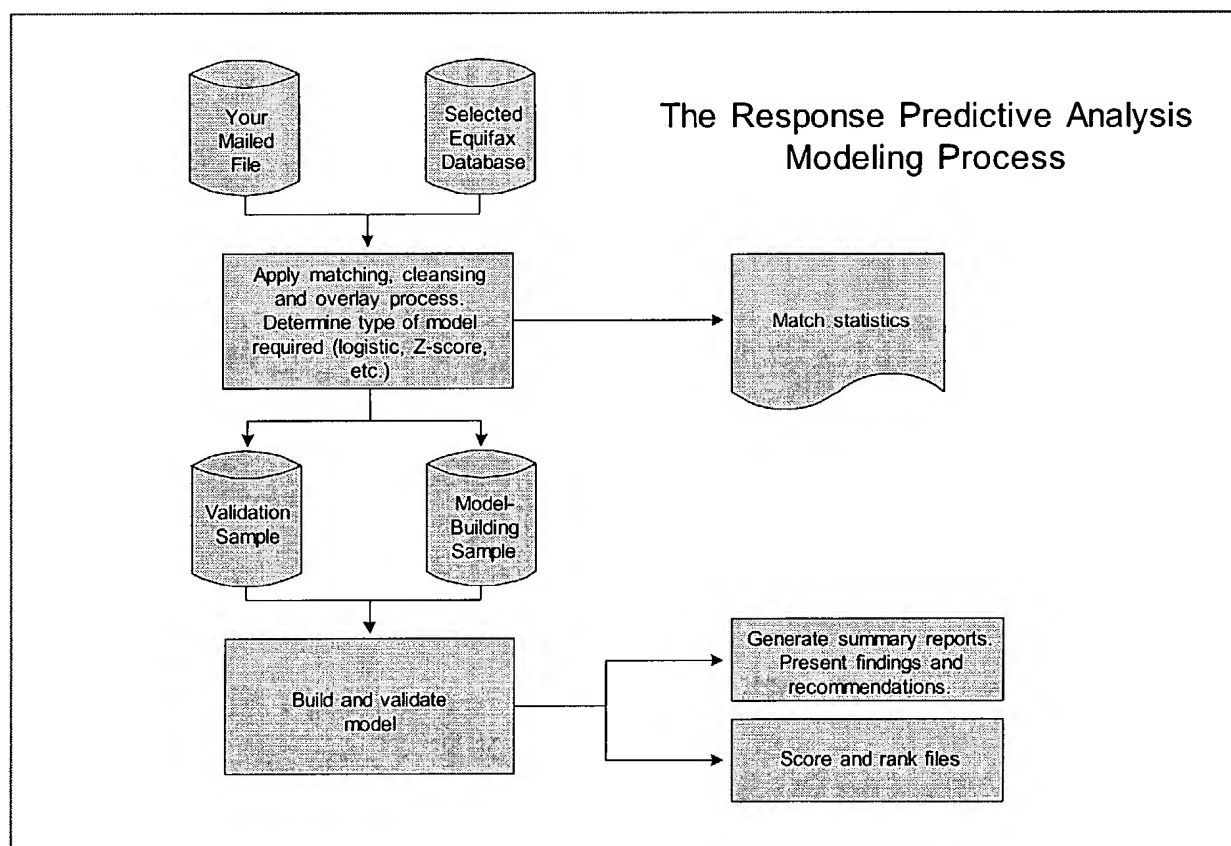
Our Analytic Consulting team employs state-of-the-art methodologies when they set out to develop your model.

These methodologies include Logistic Regression and Z-Score techniques. Our analysts will work with your marketing objectives to customize a prospect universe and model to meet your needs.

Key Steps Involved In The Development Of A Response Predictive Analysis Model:

Step 1: We begin by matching your mailed file, with each name identified as either a responder or a non-responder, to the selected Equifax database in order to find people who are common to both files. When matches are found, we temporarily append the customer information from our database to the corresponding records in your mailed file.

Step 2: We select a random sample of non-responders to compare with those individuals who responded. Through analysis and with your input, we segment the selected Equifax database to customize a prospect universe for you. If the sample size is large enough, we randomly split your mailed file into a model-building sample and a validation sample. Later in the process, we apply the model to both files to verify our results.



EQUIFAX

DIRECT MARKETING
SOLUTIONS

Step 3: Using the resulting model, we assign weights to each of the most significant characteristics of your best responders. We score all individuals in your mailed file and sort them into ranks from best to worst. Responders are compared to non-responders by rank in the Performance Summary.

Step 4: We report on the demographics, lifestyles and interests that make up your SuperModel™. Lastly, we use a broad list of database variables to profile high, medium and low ranking prospects.

Each Response Predictive Analysis Comes With:

- Our SuperModel™ guarantee
- A Performance Summary that shows how the model ranks our custom prospect universe and your best responders
- A Model Analysis illustrating the most significant model characteristics with charts and tables
- A Market Analysis that profiles your ranked prospects by lifestyles and demographics

It's All About The Data...

Any analytic technique is only as good as the data that goes into it. Equifax provides you with access to the very best marketing data in the business. Utilize our analytic products to unleash the power of these well-known Equifax databases:

- The Lifestyle Selector®
- TotalSource XL™
- High-Tech Connect™
- The Response Selector™

Pricing:

Standard RPA pricing is \$5,500. The \$5,500 fee can be waived in exchange for an agreement to purchase 50,000 names (100,000 names for TotalSource XL models) at standard pricing.

Sample Response Predictive Analysis Performance Summary

Ranks prospects from most to least like your responders

Custom prospect universe criteria applied to the Equifax database and your mailed file

Calculations for each individual rank

Cumulative calculations from rank 1 through the current rank

XYZ Corporation Age 25-64 Logistic Regression Model Performance Summary for Model-Building Sample Overall Response=2.50%										
Incremental Analysis						Cumulative Analysis				
Rank	Percent of Mailed	Percent of Responders	Response Rate	Response Index	Estimated Universe	Percent of Mailed	Percent of Responders	Response Rate	Response Index	Estimated Universe
1	5.0%	28.8%	14.4%	576	166,600	5.0%	28.8%	14.4%	576	166,600
2	5.0%	15.2%	7.6%	304	165,200	10.0%	44.0%	11.0%	440	331,800
3	10.0%	17.6%	4.4%	176	331,800	20.0%	61.7%	7.7%	309	663,600

The percentage of your mailed file in the rank

The percentage of your responders in the rank

The percentage of individuals that responded to your offer

The estimated number of individuals in the rank available from our custom prospect universe



Copyright © 2001 Equifax
All rights reserved.
Printed in the U.S.A.



It has always been our policy to honor individuals' preferences regarding their inclusion on direct marketing mailing lists. Name removal requests are processed as quickly as possible.

For more information about our Analytic Consulting products and services, please contact an Equifax Sales Support Director at:

800-466-5897



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

[Advanced Search](#)
[Preferences](#)

Web

Results **11 - 20** of about **48,800** for **predictive model +rank +order +score**. (0.16 seconds)

[\[PDF\] A working-memory random walk for analysing problem-solving data ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... & Angelopoulos, 1998) of the Johnstone - El Banna **predictive model**. The **model** states that a student is ... Seven **rank-order** sequences of the subjects, according to ...

www.ipn.uni-kiel.de/projekte/esera/book/157-tsa.pdf - [Similar pages](#)

[Stone Analytics Inc. > Products > ESRI Integrated Solutions > FAQ](#)

... to build and deploy sophisticated **predictive models** without the ... uses a scoring system to **rank** a population ... When building or deploying a **model**, Scoring Science ...

www.stoneanalytics.com/esri/esri-faq.php - 25k - [Cached](#) - [Similar pages](#)

Lift Charts

... response rates to see how much the **predictive model** would have ... Using the response **model** $P(x)=100-AGE(x)$... be arbitrarily broken by assigning a higher **rank** to who ...

www2.cs.uregina.ca/~hamilton/courses/831/notes/lift_chart/lift_chart.html - 14k - [Cached](#) - [Similar pages](#)

[\[PDF\] Measuring Return on Web Investments](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Dialog at Web site Ex ante conjoint **model** building ... 2004 41 Study 1: Ratings and the **Predictive Error** • Expectations ... ros s 20 i ndi vidual s) **Order** of dynamic ...

www.andrew.cmu.edu/user/alm3/presentations/choicesymposium2004/Rangaswamy.pdf - [Similar pages](#)

[\[PDF\] Summary](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... inferential method is based on posterior **predictive** checks of ... a much clearer image of possible **model** misfit ... M. Flat IRFs are not useful for **rank** ordering persons ...

www.ub.rug.nl/eldoc/dis/ppsw/m.j.h.van.onna/summary.pdf - [Similar pages](#)

[Experian | Decisioning | Scorex PLUS\(sm\)](#)

... or invest in a more **predictive**, but much more ... Traditional risk **models** typically are unable to **score** a ... can be effectively scored to **rank order** risk, thereby ...

www.experian.com/rd_business/bs_sol_scorex_plus_redir.html - 16k - Jul 11, 2004 - [Cached](#) - [Similar pages](#)

ess1977

... ess2047b1, **PREDICTIVE VALIDITY** See GROUP TESTING, ... ess2190, **Rank Tests** (Excluding Group **Rank Tests**), ess2191, **Rank Tests**, Grouped Data, ... ess2197, Rasch **Model**, The, ...

www.isye.gatech.edu/~brani/ess2/ess7.htm - 83k - [Cached](#) - [Similar pages](#)

[\[PDF\] Cross-Validation, Predictive Validity, and Time Course of the ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... **PREDICTIVE VALIDITY OF THE BENDEP-SRQ 249** ... and removing this assumption from the Rasch **model** by using the ... the item "tiredness" had a lower **rank order** on the ...

oase.uci.kun.nl/~kan/BendepVoshaar.pdf - [Similar pages](#)

[\[PDF\] Quantitative Analyses](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... was .84 for the total **score**, .85 for ... those variables to include in **predictive models** for males ... First, Spearman's **rank-order** correlation coefficients were ...

www.education.ucsb.edu/newvistas/files/results8.pdf - [Similar pages](#)

[Constructing Scientific Measurement Models](#)

... point would be to look for **models** with as ... least the arithmetical properties of **rank**

order, and often ... transformation overcomes the obvious **predictive** flaws of ...

www.rasch.org/rmt/rmt171f.htm - 6k - [Cached](#) - [Similar pages](#)



Result Page: **Previous** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) **Next**

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Images Groups News Froogle [more »](#)

[Advanced Search](#)
[Preferences](#)

Web

Results **41 - 50** of about **48,800** for **predictive model +rank +order +score**. (0.26 seconds)

[\[PDF\] Microsoft PowerPoint - 5-9-02](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 3°: (**Predict** 3D from sequence only) • **Predict** interresidue contacts ... to 3°: Good progress (3 **models** better than ... Upper left corner shows **rank** of best answer ...

nlp.postech.ac.kr/Course/NLP_for_Bioinformatics/LectureNotes/Protein%20Structure%20Prediction.pdf - [Similar pages](#)

[\[PDF\] EVALUATION ON THE SPACE-ROBUSTNESS OF GIS-BASED LANDSLIDE ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... has been initially placed on the **predictive models** for which ... The likelihood ratio **model** employed in this study ... a prediction map, we used **rank order** statistics. ...

kompsat.kari.re.kr/english/adpds/data/pdf7/fr_a_4_2.pdf - [Similar pages](#)

[\[PDF\] GOMER: Predicting Gene Regulation by Modeling Binding Sites 1 2](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... GOMER can also be used to **predict** novel genes expected to be regulated by a ... GOMER uses **rank order** metrics [1, 2] to evaluate a given **model's** ability to ...

recomb04.sdsc.edu/posters/jgranekATjhmi.edu_250.pdf - [Similar pages](#)

[\[DOC\] EQ-i Ethnicity Data Analysis](#)

File Format: Microsoft Word 2000 - [View as HTML](#)

... in this study from the lower performers were (in **rank order** of importance ... impact on the analysis outcomes and on the **predictive** ability of the **models**. ...

www.equiversity.com/DesktopModules/ViewDocument.aspx?DocumentID=520 - [Similar pages](#)

[\[PDF\] Develop Predictive Models Using Your Business Expertise](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... n-tiles, mean and standard deviation, **rank**, or a ... component with a new **Predictive** Applications Wizard ... Enterprise Edition, for deploying **models** to Intelligent ...

www.spss.com/pdfs/CLM8SPC1r.pdf - [Similar pages](#)

[\[PDF\] North American Corporate Default Model](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... variable increases the **models** ability to **predict** default ... been possible to build regression **models**, for both ... and private firms, which can **rank order** those firms ...

www.fitchrisk.com/frm/creditvantage/knowledge_center/documents/NAPDModelValidation1.13.pdf - [Similar pages](#)

[SD Ratio.](#)

... measured on at least an ordinal (**rank order**) scale; that ... regression, see the Generalized Linear **Models** chapter. ... number of splits and optimal **predictive** accuracy ...

name.math.univ-rennes1.fr/bernard.delyon/textbook/gloss.html - 61k - [Cached](#) - [Similar pages](#)

[Oregon State University 2004 Admission Requirements](#)

... **model** (ie, by the explanatory variables in the **model**). ... scores produced a modest improvement in **predictive** value (Zwick ... The groups **rank** in **order** from highest to ...

oregonstate.edu/admissions/2004req/researchdata.html - 12k - [Cached](#) - [Similar pages](#)

[pool factor](#)

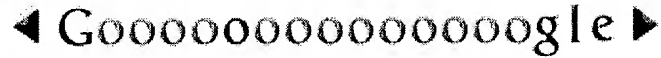
... of the behavior of a set of **predictive** factors. ... Single-index **model** A **model** of stock ... stock on a convertible is a major factor in determining the **rank** of the ...

www.idrassociate.org/3fypiffx.html - 16k - [Cached](#) - [Similar pages](#)

[Legislative Commission on Minnesota Resources - 2003 Proposals by ...](#)

... to the RFP Funding Priorities and in **rank order** of the ... Evaluation **Score**: 48%. Develop
a **predictive model** from extensively sampling ten beaches for immediate on ...

www.commissions.leg.state.mn.us/lcmr/2005%20Proposals/2005issue.htm - 101k - [Cached](#) - [Similar pages](#)



Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google